



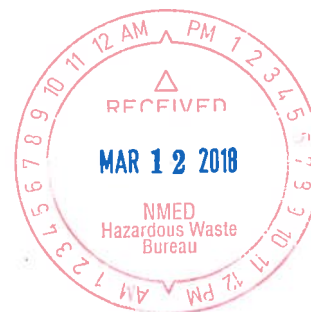
Waste Management Programs Group
Los Alamos National Laboratory
P.O. Box 1663, M969
Los Alamos, NM 87545
(505) 667-8160

National Nuclear Security Administration
Los Alamos Field Office
3747 West Jemez Road, A316
Los Alamos, NM 87544
(505) 667-5105/Fax (505) 667-5948

Date: **MAR 12 2018**
Symbol: EPC-DO: 18-064
LA-UR: LA-UR-18-21858

Locates Action No.:

RETURN RECEIPT REQUESTED



Ms. Siona Briley, STP Project Manager
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East Building 1
Santa Fe, New Mexico 87505-6303

Subject: Notice of Completion of Off-Site Waste Shipment for Final Disposal, Activity 4.0, Compliance Plan, Site Treatment Plan, Federal Facility Compliance Order, Los Alamos National Laboratory

Dear Ms. Briley:

This letter notifies the New Mexico Environment Department (NMED), per Section IX(A)(1), Deletion of Waste in the Federal Facility Compliance Order (FFCO), which requires that the Department of Energy (DOE) and Los Alamos National Security, LLC (LANS) notify NMED of off-site shipments of waste included in the Site Treatment Plan (STP), and provide documentation of the receipt of the waste at an off-site storage facility within 45 days of its receipt.

In April 2014, LANS shipped waste to the Waste Control Specialists (WCS) facility in Andrews Texas for temporary off-site storage due to the closure of the Waste Isolation Pilot Plant (WIPP). WIPP is now operational and is accepting waste for final disposal.

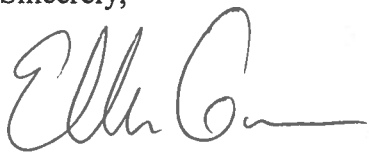


This letter also notifies NMED that a total of 12 Standard Waste Boxes (SWB) and 1 Ten-drum overpack (TDOP) on the STP inventory list. (3 SWBs and 16-55 gallon inner containers packaged in 9 SWBs and Corrugated Metal Box (CMB) overpacked into a (TDOP)), were received by WIPP for final disposal in January 2018, as detailed in the enclosed waste manifests (Enclosure 2).

In accordance with the requirements of Section XX of the FFCO, "*Documents, Information, and Reporting Requirements*," we certify, as the project managers responsible for overseeing the implementation of the Site Treatment Plan for the Los Alamos National Laboratory and for Los Alamos Site Office/National Nuclear Security Administration, which, to the best of our knowledge and belief, the information in this document is true, accurate, and complete.

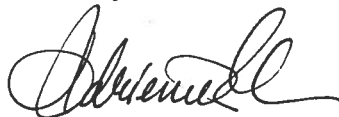
If you have any questions, please contact Ellen E. Gammon at (505) 665-5587, or by email at eboyea@lanl.gov, or Adrienne L. Nash at (505) 665-5026, or by email at adrienne.nash@nnsa.doe.gov.

Sincerely,



Ellen Gammon
STP Project Manager
Waste Management Programs (WM-PROG)
Los Alamos National Security, LLC

Sincerely,



Adrienne Nash
STP Project Manager
Los Alamos Field Office
U.S. Department of Energy
National Nuclear Security Administration

EG/AN:aomm

- Enclosure 1: MTRU Shipment Details Table
Enclosure 2: MTRU Shipment Manifests
Enclosure 3: NMED LETTER July 17 2014 Notice of Completion of Off-Site Waste Shipment for Storage Pending Disposal

Cy: John Kieling, NMED-HWB, (E-File)
Adrienne L. Nash, LASO-LA, (E-File)
Jody M. Pugh, NA-LA, (E-File)
Darlene S. Rodriguez, LASO-NS-LP, (E-File)
David J. Nickless, EM-LA, (E-File)
Craig S. Leasure, PADOPS, (E-File)
William R. Mairson, ADESH, (E-File)
Susan L. McMichael, LC-ESH, (E-File)
John C. Bretzke, ADESH, (E-File)
Benjamin B. Roberts, EPC-DO, (E-File)
Tammy A. Diaz, EPC-WMP, (E-File)
Alice Olivia Michelle Martinez, EPC-WMP, (E-File)
David J. Funk, ADEM, (E-File)
Patrice A. Stevens, ADPSM, (E-File)
Donald L. Allen, WD-WPE, (E-File)

David E. Frederici, WD-WPE, (E-File)
Sean B. French, WD-WPE, (E-File)
Dawn Ramirez, WD-WPE, (E-File)
Taunia S. Van Valkenburg, EPC-CP, (E-File)
Mark P. Haagenstad, EPC-CP, (E-File)
lasomailbox@nnsa.doe.gov, (E-File)
locatesteam@lanl.gov, (E-File)
epc-correspondence@lanl.gov, (E-File)
adesh-records@lanl.gov, (E-File)

ENCLOSURE 1

MTRU Shipment Details Table

EPC-DO: 18-064

LA-UR: 18-21858

MAR 12 2018

Date: _____

MTRU Shipment Details Table

CP Section	Container ID	Waste Stream	Acceptable Knowledge ID	Treatability Group	Manifest No.	Volume Removed from STP Inventory (m3)	Volume Shipped (m3)	Shipment Date
4	LA00000068126	LA-MHD04.001-MEMO	CCP-AK-LANL-010	Combustible-Noncombustible Waste	014974176JJK	1.9	1.9	1/26/2018
4	53892/TDOP	LA-MHD04.001	CCP-AK-LANL-010	Combustible-Noncombustible Waste	014974176JJK	2.56	2.56	1/26/2018
4	LA00000068232	LA-MHD04.001	CCP-AK-LANL-010	Combustible-Noncombustible Waste	014974176JJK	1.9	1.9	1/26/2018
4	LASB50080\LA00000068775	LA-MIN03-NC.001	CCP-AK-LANL-004	Solidified Organic and Inorganic Waste	014974176JJK	0.208	0.208	1/26/2018
4	LASB50001\S815172	LA-MHD01.001	CCP-AK-LANL-006	Combustible-Noncombustible Waste	014974181JJK	0.208	0.208	1/26/2018
4	LASB50001\S816101	LA-MIN03-NC.001	CCP-AK-LANL-004	Solidified Organic and Inorganic Waste	014974181JJK	0.208	0.208	1/26/2018
4	LASB50112\LA00000069442	LA-MHD01.001	CCP-AK-LANL-006	Combustible-Noncombustible Waste	014974181JJK	0.208	0.208	1/26/2018
4	LASB50112\LA00000068871	LA-MIN03-NC.001	CCP-AK-LANL-004	Solidified Organic and Inorganic Waste	014974181JJK	0.208	0.208	1/26/2018
4	LASB50051\LA00000068773	LA-MIN03-NC.001	CCP-AK-LANL-004	Solidified Organic and Inorganic Waste	014974181JJK	0.208	0.208	1/26/2018
4	LASB50051\LA00000068863	LA-MIN03-NC.001	CCP-AK-LANL-004	Solidified Organic and Inorganic Waste	014974181JJK	0.208	0.208	1/26/2018
4	LASB50051\S803796	LA-MIN03-NC.001	CCP-AK-LANL-004	Solidified Organic and Inorganic Waste	014974181JJK	0.208	0.208	1/26/2018
4	LASB50044\LA00000069093	LA-MHD01.001	CCP-AK-LANL-006	Combustible-Noncombustible Waste	014974186JJK	0.208	0.208	2/1/2018
4	LASB50044\S802853	LA-CIN01.001	CCP-AK-LANL-006	Solidified Organic and Inorganic Waste	014974186JJK	0.208	0.208	2/1/2018
4	LASB50044\S842383	LA-CIN01.001	CCP-AK-LANL-006	Solidified Organic and Inorganic Waste	014974186JJK	0.208	0.208	2/1/2018
4	LASB50004\LA00000068708	LA-MIN03-NC.001	CCP-AK-LANL-004	Solidified Organic and Inorganic Waste	014974186JJK	0.208	0.208	2/1/2018
4	LA00000068123	LA-MHD04.001-MEMO	CCP-AK-LANL-010	Combustible-Noncombustible Waste	014974186JJK	1.9	1.9	2/1/2018
4	LASB50085\92263	LA-MHD01.001	CCP-AK-LANL-006	Combustible-Noncombustible Waste	014974186JJK	0.208	0.208	2/1/2018
4	LASB50049\91087	LA-MHD03.001	CCP-AK-LANL-009	Combustible-Noncombustible Waste	014974186JJK	0.208	0.208	2/1/2018
4	LASB50049\LA00000068505	LA-MHD01.001	CCP-AK-LANL-006	Noncombustible Waste	014974186JJK	0.208	0.208	2/1/2018
4	LASB50049\89717	LA-MIN04-S.001	CCP-AK-LANL-006	Noncombustible Waste	014974186JJK	0.208	0.208	2/1/2018

ENCLOSURE 2

MTRU Shipment Manifests

EPC-DO: 18-064

LA-UR: 18-21858

Date: MAR 12 2018

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NM0890010515	2. Page 1 of 1	3. Emergency Response Phone 505-667-6211	4. Manifest Tracking Number 014974176 JJK			
5. Generator's Name and Mailing Address WCS on behalf of LANL on behalf of U.S. DOE 9598 W State HWY 176 Albuquerque, TX 79714 432-525-8600			Generator's Site Address (if different than mailing address) Los Alamos National Security, LLC for TA-54 West, BLDG. 38 Los Alamos, NM 87545					
6. Transporter 1 Company Name Casi Specialty Inc			U.S. EPA ID Number COR000206722					
7. Transporter 2 Company Name			U.S. EPA ID Number					
8. Designated Facility Name and Site Address USDOE in care of WMP Nuclear Waste Partnership 30 Miles SE of Carlsbad on Jal Highway Carlsbad, NM 88221 USA 575-234-8125			U.S. EPA ID Number NM4890133085					
9a HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unli Wt/Vol.	13. Waste Codes		
X	1. RQ, UN2915 Waste, Radioactive Material, Type B(U) Package, Nettle excepted, 7 Am-241, Pu-238, Pu-239, Pu-240, 2.515E-03TBq Solid Oxide, Radioactive Yellow-II, TI-0.4, USA9216/B(U)F-95, TP-167	1	CM	1429	K	F001 D004	F002 D005	F005 D006
X	2. RQ, UN2915 Waste, Radioactive Material, Type B(U) Package, Nettle excepted, 7 Am-241, Pu-238, Pu-239, Pu-240, 2.632E-03TBq Solid Oxide, Radioactive Yellow-II, TI-0.4, USA9216/B(U)F-95, TP-175	1	CM	965	K	F001 D004	F002 D005	F005 D006
X	3. RQ, UN2915 Waste, Radioactive Material, Type B(U) Package, Nettle excepted, 7 Am-241, Pu-238, Pu-239, 7.853E-02TBq Solid Oxide, Radioactive Yellow-II, TI-0.4, USA9216/B(U)F-95, TP-190	1	CM	673	K	F001 D004	F002 D005	F005 D006
	4.							
14. Special Handling Instructions and Additional Information Shipment#AWC180004; ERG#163; Tractor#C-42; Trailer#C-378; Gross Weight: TP-167-7,314kg, 14-103520/LA00000053592 ; TP-175-5,737kg, 14-103506/LA00000068245 ; 14-103552/LASB50050 ; TP-190-6,515kg ; 14-103451/LA00000058232 ; 14-103444/LA00000088125								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offor's Printed/Typed Name Markus Hayden			Signature Markus Hayden			Month Day Year 11/26/18		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:								
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Vincent P. Sheati Signature Month Day Year 01/26/18 Transporter 2 Printed/Typed Name Signature Month Day Year								
18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: U.S. EPA ID Number: 18b. Alternate Facility (or Generator) Facility's Phone: 18c. Signature of Alternate Facility (or Generator) Month Day Year								
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. 4132 2. H132 3. H132 4.								
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name Signature Month Day Year 01/26/18								

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NR0890010515		2. Page 1 of 1		3. Emergency Response Phone 505-867-6211		4. Manifest Tracking Number 014974181 JJK				
		5. Generator's Name and Mailing Address WCS on behalf of LANL on behalf of U.S. DOE 8998 W State HWY 176 Albuquerque, NM 87114						Generator's Site Address (if different than mailing address) Los Alamos National Security, LLC for TA-54 West, BLDG. 36 Los Alamos, NM 87545				
6. Transporter 1 Company Name Cast Specialty Inc		U.S. EPA ID Number CO0000206722										
7. Transporter 2 Company Name		U.S. EPA ID Number										
8. Designated Facility Name and Site Address USDOE in care of WIPP Nuclear Waste Partnership 30 Miles SE of Carlsbad on Jal Highway Carlsbad, NM 88221 USA		U.S. EPA ID Number NR0890010515										
Facility's Phone: 575-234-8125												
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
						No.	Type					
	X	1. RQ, UN2918 Waste, Radioactive Material, Type B(U) Package, Nettle excepted, 7 Am-241, Pu-238, Pu-239, Pu-240, 1 227E+0TBq Solid Oxide, Radioactive Yellow-II, T=0 4, USA/9218/B(U)F-95, TP-163				1	CM	1444	K	F001	F002	
	X	2. RQ, UN2918 Waste Radioactive Material, Type B(U) Package, Nettle excepted, 7 Am-241, Pu-238, Pu-239, Pu-240, 1 423E+0TBq Solid Oxide, Radioactive Yellow-II, T=0 4, USA/9218/B(U)F-95, TP-187				1	CM	1207	K	F001	F002	
	X	3. RQ, UN2918 Waste, Radioactive Material, Type B(U) Package, Nettle excepted, 7 Am-241, Pu-238, Pu-239, Pu-240, 1 789E+0TBq Solid Oxide, Radioactive Yellow-II, T=0 4, USA/9218/B(U)F-95, TP-204				1	CM	1169	K	F001	F002	
		4.										
14. Special Handling Instructions and Additional Information Shipment#WVC180003; ERG#163; Tractor#C-45; Trailer#C-355; Gross Weight: TP-163=7,242kg, 14-108427/LA0000026-14-108545/LASB50001; TP-187=6,935kg, WVCSDUN20, 14-106520/LASB'0051, TP-204=6,897kg, WVCSDUN21, 14-108596/LASB50112												
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.												
Generator's/Officer's Printed/Typed Name Markus Hayden Signature Markus Hayden Month 11 Day 26 Year 18												
INTL	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____											
	17. Transporter Acknowledgment of Receipt of Materials											
TRANSPORTER	Transporter 1 Printed/Typed Name STAN TAYLOR				Signature Stan Taylor				Month 1 Day 26 Year 18			
	Transporter 2 Printed/Typed Name				Signature				Month Day Year			
DESIGNATED FACILITY	18. Discrepancy											
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection											
	18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____											
	Facility's Phone: _____											
	18c. Signature of Alternate Facility (or Generator) _____ Month Day Year											
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)												
1. H132		2. H132		3. H132		4.						
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a												
Printed/Typed Name RN Valenzuela				Signature RN Valenzuela				Month 01 Day 26 Year 18				

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved, OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NM0880010515	2. Page 1 of 1	3. Emergency Response Phone 505-627-6211	4. Manifest Tracking Number 014974186 JJK		
5. Generator's Name and Mailing Address WCS on behalf of LANS, LLC for US DOE 9998 W. State HWY 176 Andrews, TX 79714 Generator's Phone: 505-525-5800				Generator's Site Address (if different than mailing address) Los Alamos National Security LLC for P.O. Box 1663 Los Alamos, NM 87545			
6. Transporter 1 Company Name Cast Specialty Inc				U.S. EPA ID Number COR000206722			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address USDOE InCare of WIPP Nuclear Waste Partnership 30 Miles SE of Carlsbad on Jal Highway Carlsbad, NM 88221 Facility's Phone: 575-234-8125				U.S. EPA ID Number NM4690139038			
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit WL/Vol	13. Waste Codes
	X	1. RQ, UN2916, Waste, Radioactive Material, Type B(U) Package, fissile excepted, 7, Am-241 Pu-239 Pu-240, 3.87E+00 TBq, Solid Oxide, Radioactive Yellow-II, TI=0.4, USA9216/B(U)F-56, TP-168	1	GM	1674	K	FC01 FC02 FC05 D004 D005 D006
	X	2. RQ, UN2916, Waste, Radioactive Material, Type B(U) Package, fissile excepted, 7, Pu-238 Am-241 Pu-239, 4.795E+00 TBq, Solid Oxide, Radioactive Yellow-III, TI=0.4, USA9216/B(U)F-56, TP-143 HRCQ	1	GM	1629	K	FC01 FC02 FC05 D004 D005 D006
	X	3. RQ, UN2916, Waste, Radioactive Material, Type B(U) Package, fissile excepted, 7, Am-241 Pu-239 Pu-240, 1.628E+00 TBq, Solid Oxide, Radioactive Yellow-II, TI=0.4, USA9216/B(U)F-56, TP-191	1	GM	1111	K	FC01 FC02 FC05 D004 D005 D006
		4.					
14. Special Handling Instructions and Additional Information Shipment# WC160005; ERG#163; Tractor# C46 ;Trailer# C357; Gross Weight: TP-168=7,742KG, 14-108568/LASB50044, 14-108604/LASB50004; TP-143=7,364KG, 14-108450/LA00000558123, 14-108553/LASB50065; TP-191=5,767KG; 14-108602 /LASB50049							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offor's Printed/Typed Name John Wood				Signature <i>[Signature]</i>		Month Day Year 12/1/18	
INTL	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____				Transporter signature (for exports only): _____		
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials				Signature <i>[Signature]</i>		
	Transporter 1 Printed/Typed Name Henry Leyva				Month Day Year 12/1/18		
DESIGNATED FACILITY	Transporter 2 Printed/Typed Name				Month Day Year		
	18. Discrepancy						
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
	18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number: _____ Facility's Phone: _____						
18c. Signature of Alternate Facility (or Generator)							Month Day Year 12/1/18
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. H132		2. H132		3. H132		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name Ruben Carrasco				Signature <i>[Signature]</i>		Month Day Year 10/21/18	

ENCLOSURE 3

NMED LETTER July 17 2014 Notice of Completion of Off-site Waste Shipment for Storage Pending Disposal

EPC-DO: 18-064

LA-UR: 18-21858

Date: MAR 12 2018



SUSANA MARTINEZ
Governor
JOHN A. SANCHEZ
Lieutenant Governor

**NEW MEXICO
ENVIRONMENT DEPARTMENT**

2905 Rodeo Park Drive East, Building 1
Santa Fe, New Mexico 87505-6303
Phone (505) 476-6000 Fax (505) 476-6030
www.nmenv.state.nm.us



RYAN FLYNN
Cabinet Secretary
BUTCH TONGATE
Deputy Secretary

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

July 17, 2014

Mr. Andrew Worker
STP Project Manager
Los Alamos Field Office
National Nuclear Security Administration
3747 West Jemez Road, MS A316
Los Alamos, NM 87544

Ms. Monica Noll
STP Project Manager
Waste Management Programs (WM-PROG)
Los Alamos National Laboratory
P.O. Box 1663, MS-K996
Los Alamos, NM 87545

**RE: NOTICE OF COMPLETION OF OFF-SITE WASTE SHIPMENT FOR
STORAGE PENDING DISPOSAL, ACTIVITY 4.0, COMPLIANCE PLAN, SITE
TREATMENT PLAN, FEDERAL FACILITY COMPLIANCE ORDER
LOS ALAMOS NATIONAL LABORATORY
EPA ID #NM0890010515
HWB-LANL-14-026**

Dear Mr. Worker and Ms. Noll:

The New Mexico Environment Department (NMED) has received the United States Department of Energy (DOE) and the Los Alamos National Security, LLC (LANS) (collectively, the Respondents) *Notice of Completion of Off-Site Waste Shipment for Storage Pending Disposal, Activity 4.0, Compliance Plan, Site Treatment Plan, Federal Facility Compliance Order, Los Alamos National Laboratory* dated May 14, 2014, and received May 15, 2014, and referenced by WM-DO-14-039 and LA-UR-14-23406.

NMED has reviewed shipment activity and enclosed manifest and has the following comment:

Comment:

On February 14, NMED received notice of a release at the Waste Isolation Pilot Plant (WIPP) nuclear waste repository. The DOE identified that drum 68660 experienced an energetic chemical reaction which ultimately led to the release of radioactive material. Drum 68660 is part

Mr. Worker and Ms. Noll
July 17, 2014
Page 2

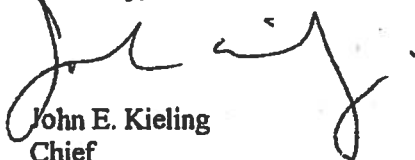
a nitrate salt waste stream identified as LA-MIN02-V.001. As stated in this manifest, approximately 153 containers from this waste stream were shipped to Waste Control Specialist, LLC, Texas (WCS) for temporary storage pending the reopening of WIPP between April 1-22, 2014.

As required by the NMED, the Permittees submitted the *Revised LANL Nitrate Salt-Bearing Waste Container Isolation Plan* on May 29, 2014, and the Permittees have begun to isolate all drums containing the associated nitrate salt-bearing waste stream (LA-MIN02-V.001). The Permittees report that these drums have been placed in standard waste boxes and are under continuous air and thermal monitoring (as of June 6, 2014).

The cause of the chemical reaction is still under investigation, and the need for additional remediation on these containers is unknown. In light of recent events, and the potential need to re-remediate all nitrate salt-bearing waste, NMED has determined that the removal of mixed transuranic waste (mixed-TRU) from the site treatment plan (STP) will be placed on hold until more information becomes available and it becomes clear that the waste currently stored at WCS will not be returned to LANL.

Please contact Siona Briley of my staff at (505) 476-6049 should you have any questions or concerns.

Sincerely,



John E. Kielling
Chief
Hazardous Waste Bureau

cc: D. Cobrain, NMED HWB
N. Dhawan, NMED HWB
T. Hall, NMED HWB
S. Briley, NMED HWB
S. Yanicak, NMED DOE OB, MS J993
A. Dorries, ENV-DO

File: LANL, Site Treatment Plan 4.0, May 14, 2014 and
Fiscal Year 2014.